

COMBINED DECLARATION/POWER OF ATTORNEY FOR UTILITY/DESIGN PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DATA MODULATING METHOD AND APPARATUS, DATA DEMODULATING METHOD AND APPARATUS AND CODE ARRANGING METHOD
the specification of which is attached hereto, unless the following box is checked:

was filed on _____ as United States Application Number or PCT International Application Number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefit(s) under 35 U.S.C. § 119(a)-(d) or § 365(a)-(c) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)**Priority NOT Claimed**

01/2002-58809 (Number)	Rep. of Korea (Country)	27/September/2002 Day/Month/Year Filed	<input type="checkbox"/>
2002-63534 (Number)	Rep. of Korea (Country)	17/October/2002 Day/Month/Year Filed	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. § 120 or § 119(e) of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application Serial No.)	(Filing Date)	(Status -- patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status -- patented, pending, abandoned)

I hereby appoint the attorneys and agents of Staas & Halsey LLP under USPTO Customer No. 21,171 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:



21171
PATENT TRADEMARK OFFICE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Jae-seong Shim

Inventor's Signature Jae-Seong Shim Date 19 September 2003
 Residence Seoul, Rep. of Korea Citizenship Rep. of Korea
 Mailing Address 630-35 Jayang 1-dong, Gwangjin-gu, Seoul, Rep. of Korea

Full name of second inventor Jin-han kim

Inventor's Signature Jim-Han Kim Date 19 September 2003
 Residence Gyeonggi-do, Rep. of Korea Citizenship Rep. of Korea
 Mailing Address 221-1004 Daelim Apt., 1321 Gwonseon-dong, Gwonseon-gu, Suwon-si, Gyeonggi-do, Rep. of Korea

Additional inventors are being named on separately numbered sheets attached hereto.

COMBINED DECLARATION/POWER OF ATTORNEY FOR UTILITY/DESIGN PATENT APPLICATION

Full name of third inventor KiuShae Jung

Inventor's Signature Kiuhae Jung Date 19 September 2003
Residence Gyeonggi-do, Rep. of Korea Citizenship Rep. of Korea
Mailing Address (201) 214-26 Maetan 4-dong, Paldal-qu, Suwon-si, Gyeonggi-do, Rep. of Korea

Full name of fourth inventor _____

Inventor's Signature _____ Date _____
Residence _____ Citizenship _____
Mailing Address _____

Full name of fifth inventor _____

Inventor's Signature _____ Date _____
Residence _____ Citizenship _____
Mailing Address _____

Full name of sixth inventor _____

Inventor's Signature _____ Date _____
Residence _____ Citizenship _____
Mailing Address _____

Full name of seventh inventor _____

Inventor's Signature _____ Date _____
Residence _____ Citizenship _____
Mailing Address _____

Full name of eighth inventor _____

Inventor's Signature _____ Date _____
Residence _____ Citizenship _____
Mailing Address _____

Full name of ninth inventor _____

Inventor's Signature _____ Date _____
Residence _____ Citizenship _____
Mailing Address _____